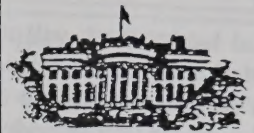




The Capitol Hill Monitor



Volume 1 Issue 5

JUNE 1995

OCEAN CITY TRUNKED SYSTEM UPDATE

With summer just beginning and people heading to the beach, this is a good opportunity to present the changes Ocean City made to its General Electric trunked system since last summer.

Because of reported interference from New Jersey, late last summer Ocean City discontinued use of 851.2875, 852.4375 and 855.4625. At that time, 859.9875 and 860.9875 were installed, and continue to be used, as replacements.

The system's annoying anti-scanner tones have almost been eliminated. At the end of a transmission, or at the end of consecutive transmissions, the trunked system often transmits four soft tones during about a three-second period. While the tones still prevent the scanner from resuming its scan, they pose less of a hassle than they did in the past.

46.36, the former primary fire channel, still simulcasts the primary fire and EMS trunked system talkgroup. As a reminder, the Bethany Beach Volunteer Fire Department's cross-band repeater on 460.6 simulcasts 46.36 as well as various other VHF low-band fire channels. With the exception of 46.36, little use is made of the frequencies formerly used by the Ocean City government, although they are still licensed.

The nine frequencies used by the Ocean City trunked system are:

853.9625	855.2375	856.7375
857.7375	858.7375	859.7375
859.9875	860.7375	860.9875

(call sign is WNZT398).

Two of the nine channels are reserved for the telephone patch and controller channels. The specific channel assignments vary.

Some of the system's radios have capability of transmitting on the five national mutual aid frequencies, 866.0125, 866.5125, 867.0125, 867.5125 and 868.0125. These channels are currently being used as conventional tactical channels since no adjacent jurisdiction uses them.

FAIRFAX TRUNKED SYSTEM UPDATE

The deadline for proposals for Fairfax County's digital trunked system has been pushed back to June 30. The sign-in sheet listing the pre-bid conference attendees listed eight representatives from Motorola, six from Ericsson-General Electric, three from E F Johnson and nine from various vendors and subcontractors. An addendum for the system's bid specifications includes a list of pager tones used to alert fire and rescue personnel on 460.575 -- a handy reference for fire buffs who want to program their own pagers to keep up with a particular fire station. If you desire a copy of the list, mail a reply envelope to Alan.

Sometime this month the Metropolitan Washington Airports Authority is expected to issue a request for proposal for an 800 MHz trunked system. The authority is working on ways to integrate Fairfax County's trunked system with the trunked system proposed for National and Dulles airports.

PEPCO LICENSES TRUNKED SYSTEM

Speaking of trunked systems, the Potomac Electric Power Company, better known as PEPCO, recently licensed itself for a three-channel trunked system on 938.25, 938.65 and 939.6875 at 12 sites in the metropolitan area. As of this writing we have no details as to what type of system PEPCO has planned for the three frequency pairs.

WASHINGTON CATHEDRAL UPDATE

Just in case you have not yet noticed, the "cathedral police" at the Washington National Cathedral communicate on 463.225 (repeater) with a CTCSS of 107.2 Hz. The repeater is licensed to the Protestant Episcopal Cathedral Foundation of DC. As could be expected, the repeater offers excellent coverage into the suburbs. The National Cathedral School for Girls and the Saint Albans School for Boys were recently licensed on 464.925 and 464.675, respectively (both simplex).

FAIRFAX COUNTY BUILDS NEW FIRE STATIONS.

Fairfax County fire stations 37 (Kingstowne) and 38 (West Centreville) are scheduled for completion by August 1995 and December 1995, respectively. Station 37 will be staffed by 23 new recruits who will man a pumper and a medic unit provided by the Franconia Volunteer Fire Department, station 5. An

aerial ladder truck will also be placed in station 37 in the future. Station 38 will be equipped with a front-line unit and a medic unit provided by the Centreville Volunteer Fire Department, station 17. Fairfax County plans to purchase five new pumpers to replace those operating that have lived past their operational lifetime. Many thanks to Ken Fowler for bringing this to our attention.

NEW D.C. NOTIFICATION REPEATER GOES ON-LINE

Last month Breaking News Network (BNN) placed its repeater in service on 453.0 [82.5 Hz] in Northwest Washington. BNN reporters, who exchange news tips over the new repeater, use the radio system to supplement the organization's alphanumeric paging system. Subscribers to the paging system receive notification of breaking local news stories.

Two other similar radio notification systems currently operate in Washington: Citywide Radio, on 452.975 [103.5 Hz], and Metropolitan Radio, on 462.0 [107.2 Hz]. A system in Baltimore, says Chuck Hutchinson, founder of the BMD paging notification system, is in the works.

For more details on the BNN radio system contact David Carter at 202-651-4572.

NEWS SCAN

by Brent Baker



The Virginia Weekly section of the May 11 Washington Post carried an article about Frank San Pietro, one of 22 volunteers in Prince William County who is a member of the Radio Emer-

gency Associated Communications Teams, better known as REACT. The Prince William county board of supervisors declared that May was REACT month, honoring the group for a third time.

REACT is a nonprofit public service organization, formed in 1962, with more than 600 chartered teams around the world. In addition to Prince William, teams in Northern Virginia include Fairfax, Herndon, Arlington-Alexandria, Loudoun and Stafford-Rappahannock.

When normal telephone service is disrupted by disasters or bad weather, Post staff writer Leef Smith wrote, members of Prince William REACT are trained to provide the county with radio communication. Training includes the use of CB radios and the proper ways to collect and relay information.

In the first three months of the year, members logged more than 6,700 hours listening to CB traffic and reported 775 incidents, including accidents, disabled vehicles, medical emergencies, and drunk drivers to state and local police.

Despite the advent of the cellular telephone, Smith wrote, CB radios are still popular with commuters who like to chat with other motorists while they're trapped in traffic and want to be able to contact police if they get stranded. While the initial cost of a low-end CB radio is comparable to that of a cellular phone, CB enthusiasts point out that it costs nothing to operate a CB radio. Cellular telephone users pay a per-minute usage fee. Prince William County REACT, like many other REACT groups, also operates on the General Mobile Radio Service (GMRS) frequencies of 462.6 and 462.675.

HELPI

John Korman is searching for the CTCSS tones used by the Aetna Hose, Hook and Ladder Company in Newark, Delaware on its cross-band repeater which links 33.78 with 460.625. John also seeks frequency and CTCSS information for the Newark area, particularly the University of Delaware. Any information for John can be sent in care of Alan. Thanks!

T-MARC REPEATER DIRECTORY

We are pleased to include a copy of The Middle Atlantic FM and Repeater Council's (T-MARC) repeater directory with this month's newsletter. T-MARC coordinates amateur-radio frequencies used by repeaters, "remote base" stations and related systems in Delaware, Maryland, the District of Columbia, the northern one-third of Virginia and the eastern panhandle of West Virginia.

BELVOIR CONTINUES EXPANSION

Expect radio traffic (and for those that live near by, vehicular, as well) to continue to expand, particularly on the trunked system. More and more tenants are moving from leased facilities onto Fort Belvoir, as well as units from closing facilities such as Cameron Station. One of the latest to move is the Defense Logistics Agency from Cameron. The trunked system will probably be expanded to include most elements of the Military District of Washington, as well as many DoD elements. The WHCA (White House Communications Agency) is already a user. Unfortunately, you may also expect more and more of the radio traffic to be encrypted.

T-MARC Repeater Directory

THE MIDDLE ATLANTIC FM AND REPEATER COUNCIL, Inc.

This listing of T-MARC area repeaters was compiled by the T-MARC Frequency Coordinating Committee from data contained in the frequency coordinating records.

LOCATION	STATE	CALL	FREQUENCY		REMARKS	SPONSOR
			INPUT	OUTPUT		
Claymont	Del	KA3JRG/R	449.950	444.950	AP	KA3JRG & WB3IKP
Dagsboro	Del	KA3TWG/R	223.280	224.880	P/LNK31	KA3TWG
Delmar	Del	K3NOQ/R	146.325	146.925		Peninsula Radio Operators Society
Dover	Del	W3HZW/R	146.370	146.970		Kent County Amateur Radio Club
Dover	Del	W3HZW/R	147.795	147.195	AP	Kent County Amateur Radio Club
Dover	Del	K4CHE/R	449.500	444.500	PL-2A (114.8)	K4CHE
Felton	Del	WB3ILS/R	444.325	449.325		WB3ILS
Greenwood	Del	KD3GS/R	222.840	224.440		KD3GS & Caroline/Sussex ARC
Greenwood	Del	KD3UI/R	449.900	444.900		KD3UI
Millsboro	Del	K3JL/R	147.675	147.075		Sussex Amateur Radio Association
Millsboro	Del	K3JL/R	223.240	224.840		Sussex Amateur Radio Association
Newark	Del	WA3QPX/R	146.100	146.700		Delaware Repeater Association
Newark	Del	AK3A/R	222.440	224.040	AP	04 Repeater Association
Newark	Del	WB2LSP/R	222.940	224.540		WB2LSP
Newark	Del	N3JCR/R	223.120	224.720		N3JCR & N3JFS
New Castle	Del	KA3TWG/R	222.620	224.220	LNK31	KA3TWG & Penn-Del Amateur Radio Club
New Castle	Del	N3HTT/R	443.825	448.825		DelMarVa Group
Rehoboth Beach	Del	N3OLY/R	147.930	147.330	P	N3OLY
Seaford	Del	KV3D/R	144.610	145.210	AP	KV3D
Wilmington	Del	WA3QPX/R	146.130	146.730		Delaware Repeater Association
Wilmington	Del	WB3JTK/R	146.355	146.955		Delaware Valley Amateur Radio Society
Wilmington	Del	K3WAJ/R	147.825	147.225	AP/LNK12	K3WAJ
Wilmington	Del	K3WAJ/R	222.400	224.000	LNK12	K3WAJ
Wilmington	Del	KC3AM/R	439.250	421.250	ATV/LNK26	KC3AM (Horizontal Polarization)
Wilmington	Del	KC3AM/R	439.250	923.250	ATV/LNK26	KC3AM (Horizontal Polarization)
Wilmington	Del	WA3QPX/R	443.375	448.375		Delaware Repeater Association
Wilmington	Del	W3GQP/R	448.700	443.700		W3GQP
Wyoming	Del	N3IOC/R	444.775	449.775	L/P	N3IOC
Accokeek	Md	WA3TAI/R	449.500	444.500		WA3TAI
Adephi	Md	WB3FRW/R	144.770	145.370		Harry Diamond Lab. Amateur Radio Club
Annapolis	Md	WB4APR/R	144.930	144.930	LNK24	WB4APR
Annapolis	Md	WB4APR/R	426.250	923.250	ATV/LNK24	WB4APR
Arnold	Md	WB0FQC/R	222.480	224.080	LNK3	WB0FQC
Ashton	Md	K3WX/R	146.400	147.000	AP	Ashton Radio Communications Society, Inc.
Ashton	Md	K3WX/R	448.150	443.150	AP	Ashton Radio Communications Society, Inc.
Baltimore	Md	K1BYD/R	144.950	144.950	LNK29	Chesapeake Amateur Television Society (Audio)
Baltimore	Md	W3FT/R	146.070	146.670	AP/LNK2	Baltimore Amateur Radio Club
Baltimore	Md	W3DID/R	147.630	147.030	LNK1/AP	W3DID
Baltimore	Md	W3BPX/R	147.885	147.285		Maryland Telephone Pioneers Radio Club
Baltimore	Md	W3FT/R	222.640	224.240	AP/LNK2	Baltimore Amateur Radio Club
Baltimore	Md	WA3DZZ/R	223.360	224.960	LNK1	WA3DZZ
Baltimore	Md	W3WCQ/R	426.250	911.250	ATV/LNK17	W3WCQ & Baltimore Radio ATV Society
Baltimore	Md	W3WCQ/R	426.250	439.250	ATV/LNK17	W3WCQ & BRATS
Baltimore	Md	W3DID/R	442.725	447.725	LNK1	Baltimore Radio Amateur Television Society
Baltimore	Md	W3FT/R	444.625	449.625	AP	Baltimore Amateur Radio Club
Baltimore	Md	KA3GWC/R	448.200	443.200		KA3GWC
Baltimore	Md	W3WCQ/R	1253.250	1289.250	ATV/LNK17	W3WCQ & Baltimore Radio ATV Society
Baltimore	Md	K1BYD/R	1265.250	923.250	ATV/LNK29	Chesapeake Amateur Television Society
Baltimore	Md	W3DID/R	1277.250	1241.250	ATV	The 1200 Club
Baltimore (East)	Md	W3PGA/R	147.840	147.240	AP	Aero Amateur Radio Club
Baltimore (East)	Md	N3HIA/R	222.880	224.480	AP	N3HIA
Baltimore (East)	Md	N3HIA/R	444.075	449.075		N3HIA
Baltimore (East)	Md	W3PGA/R	444.575	449.575		Aero Amateur Radio Club
Baltimore (North)	Md	WA3UTC/R	222.520	224.120	LNK18	WA3UTC
Baltimore (North)	Md	WA3UTC/R	444.425	449.425	P/LNK18	WA3UTC
Baltimore (Northeast)	Md	W3JEH/R	222.240	223.840		W3JEH
Baltimore (Northeast)	Md	KA3ZAN/R	443.075	448.075		KA3ZAN & N3MCQ
Baltimore (Northeast)	Md	N3FFB/R	444.325	449.325	PL-1B (107.2)	N3FFB
Baltimore (Northwest)	Md	WA3DZZ/R	144.530	145.130	AP	WA3DZZ
Baltimore (Northwest)	Md	WA3DZZ/R	223.200	224.800	AP	WA3DZZ
Baltimore (Northwest)	Md	WA3DZZ/R	448.350	443.350	AP	WA3DZZ
Baltimore (South)	Md	KS3L/R	223.080	224.680		Summit Amateur Radio Association
Baltimore (South)	Md	WA3WLO/R	448.550	443.550		WA3WLO
Baltimore (West)	Md	N3GXH/R	52.150	53.150		N3GXH
Baltimore (West)	Md	WB3ARQ/R	147.945	147.345		MARCOM
Baltimore (West)	Md	KS3L/R	222.360	223.960		KS3L & N3DRB
Baltimore (West)	Md	W3HMO/R	222.780	224.380	LNK3	W3HMO
Baltimore (West)	Md	WA3Z/R	223.040	224.640		Summit Amateur Radio Association
Baltimore (West)	Md	WA3MEJ/R	448.700	443.700		WA3MEJ & WA3WLO
Bel Air	Md	WA3PFT/R	146.175	146.775		Harford County RACES
Bel Air	Md	WA3PFT/R	444.775	449.775		Harford County RACES
Bethesda	Md	K3YGG/R	144.690	145.290	LNK16	NIHRAC

LOCATION	STATE	CALL	FREQUENCY		REMARKS	SPONSOR
			INPUT	OUTPUT		
Bethesda	Md	K3YGG/R	442.925	447.925	LNK16	NIHRAC
Blossom Point	Md	W3ERU/R	146.250	146.850		Blossom Point Amateur Radio Club
Bowie	Md	WA3GPC/R	449.700	444.700	PL-3A (127.3) LNK7	Central Maryland Repeater Group
Burtonsville	Md	WA3UTY/R	448.650	443.650	PL	M & M (PL sometimes)
California	Md	N3JTO/R	147.990	147.390		Southern Patuxent Amateur Radio Club
Cheltenham	Md	W3PT/R	147.750	147.150		Southern Maryland Amateur Radio Club
Chesapeake Beach	Md	W3ZNW/R	146.385	146.985		Calvert Amateur Radio Association
Chestertown	Md	WA3UJE/R	147.975	147.375		Kent Amateur Radio Society
Chestertown	Md	WA3UJE/R	444.175	449.175		Kent Amateur Radio Society
Cheverly	Md	K5VCG/R	146.010	146.610	AP	Green Mountain Repeater Association
College Park	Md	W3EAX/R	144.890	145.490		University of Maryland A.R.A.
Colora	Md	K3UAV/R	52.050	53.050		F.O.R.C.E.
Colora	Md	K3UAV/R	147.765	147.165		F.O.R.C.E.
Colora	Md	K3UAV/R	223.300	224.900		F.O.R.C.E.
Colora	Md	WA3TFI/R	448.000	443.000		WA3TFI & K3UAV
Columbia	Md	WA3WZA/R	147.735	147.135		Columbia Amateur Radio Association
Columbia	Md	WA3WZA/R	147.990	147.390	AP	Columbia Amateur Radio Association
Columbia	Md	WA3WZA/R	222.320	223.920		Columbia Amateur Radio Association
Columbia	Md	KA3HRJ/R	223.260	224.860		KA3HRJ
Columbia	Md	WA3WZA/R	443.275	448.275		Columbia Amateur Radio Association
Cumberland	Md	KK3L/R	29.520	29.620	LNK22	KK3L
Cumberland	Md	K3MWI/R	144.850	145.450	LNK5	Mountain Amateur Radio Club
Cumberland	Md	KK3L/R	144.990	144.990	LNK22	KK3L
Cumberland	Md	WA3WSW/R	146.280	146.880		Mountain Amateur Radio Club
Cumberland	Md	N3JJK/R	147.915	147.315		N3JJK
Cumberland	Md	KK3L/R	449.000	444.000		KK3L
Cumberland	Md	N3JJK/R	449.500	444.500		Mountain Amateur Radio Club
Damascus	Md	WB2BZR/R	222.940	224.540		WB2BZR
Damascus	Md	K3LNZ/R	222.980	224.580		Potomac Area VHF Society
Davidsonville	Md	W3VPR/R	147.705	147.105	AP	Anne Arundel Radio Club
Davidsonville	Md	W3VPR/R	222.280	223.880	AP	Anne Arundel Radio Club
Davidsonville	Md	W3VPR/R	449.400	444.400		Anne Arundel Radio Club
Delmar	Md	N3FJM/R	222.420	224.020		DelMarVa Amateur Radio Club
Easton	Md	WA3GVI/R	147.645	147.045	AP	Easton Amateur Radio Society
Easton/Cambridge	Md	K3SVA/R	447.950	442.950		K3SVA & Peninsula Radio Operator's Society
Ellicott City	Md	N3HTJ/R	443.025	448.025	P	N3HTJ
Elkton	Md	K3NCL/R	144.590	145.190	AP/PL-5B (162.2)	Cecil County Amateur Radio Association
Ellicott City	Md	N3EZD/R	222.720	224.320		N3EZD
Ellicott City	Md	N3EZD/R	444.525	449.525		N3EZD
Frederick	Md	N3IGM/R	52.750	53.750		N3IGM
Frederick	Md	W3SOG/R	146.130	146.730	LNK5	Frederick Amateur Repeater Group
Frederick	Md	WB8VBW/R	222.600	224.200		Mid-Atlantic DX & Repeater Association
Frederick	Md	KA3VLG/R	223.100	224.700	PL-5B (162.2)	222 Western Repeater Association
Frederick	Md	WA3OHI/R	443.125	448.125		WA3OHI & N3FJV
Frederick	Md	K3ERM/R	443.425	448.425	PL-4A (141.3) AP	Frederick Amateur Radio Club
Frederick	Md	W3SOG/R	449.800	444.800		Frederick Amateur Repeater Group
Gambrills	Md	WB4LNM/R	907.100	919.100	PL	WB4LNM
Germantown	Md	K4IWF/R	147.870	147.270		K4IWF
Germantown	Md	N3EAE/R	448.400	443.400		Network Engineers Repeater Association
Germantown	Md	KV3S/R	449.200	444.200		Montgomery College Amateur Radio Club
Greenbelt	Md	WA3NAN/R	146.235	146.835		Goddard Amateur Radio Club
Greenbelt	Md	K3GXF/R	146.280	146.880		Green Mountain Repeater Association
Hagerstown	Md	W3CWC/R	146.340	146.940	AP	Antietam Radio Association
Hagerstown	Md	K3UMV/R	147.690	147.090		Antietam Radio Association
Hagerstown	Md	K3UMV/R	147.975	147.375		K3UMV
Hagerstown	Md	K3UMV/R	442.975	447.975		Antietam Radio Association
Hagerstown	Md	N3HJB/R	443.975	448.975	P	222 Western Repeater Association
Hanover	Md	NS3V/R	449.950	444.950		NS3V/NT3Z
Harmans	Md	W3YVV/R	448.950	443.950	PL	W3YVV
Havre de Grace	Md	N3EIO/R	146.250	146.850		Chesapeake Bay Radio Association
Havre de Grace	Md	N3EIO/R	448.100	443.100		Chesapeake Bay Radio Association
Hughesville	Md	N7BW/R	144.790	145.390		N7BW
Jarrettsville	Md	WA3DUR/R	443.475	448.475		WA3DUR
Jefferson	Md	K3LMS/R	448.300	443.300	L	K3LMS
Jessup	Md	WA3DZD/R	146.160	146.760	LNK6	Maryland FM Association
Jessup	Md	WA3DZD/R	223.160	224.760	LNK6	Maryland FM Association
Jessup	Md	WA3DZD/R	449.000	444.000	LNK6	Maryland FM Association
Kent Island	Md	K3UBC/R	146.340	146.940	LNK19	Kent Island Amateur Radio Club
Kent Island	Md	K3UBC/R	222.680	224.280	LNK19	Kent Island Amateur Radio Club
Kent Island	Md	K3UBC/R	448.850	443.850	LNK19	Kent Island Amateur Radio Club
Leonardtown	Md	N3JTG/R	147.795	147.195		Southern Patuxent Amateur Radio Club
Leonardtown	Md	KA3ZVG/R	444.225	449.225	P	Southern Patuxent Amateur Radio Club
Lexington Park	Md	WA3UMY/R	52.030	53.030	LNK20	WA3UMY
Lexington Park	Md	K3HKI/R	146.040	146.640	AP	St. Mary's County Amateur Radio Association
Lexington Park	Md	WA3UMY/R	222.300	223.900	LNK20	WA3UMY
Lexington Park	Md	WA3UMY/R	448.050	443.050	AP	WA3UMY
Lutherville	Md	KB3LA/R	146.295	146.895		KB3LA
Manchester	Md	N3KZS/R	146.295	146.895		Westminster Chicken Farmers Radio Club
Manchester	Md	N3NOT/R	443.825	448.825	P	N3NOT
McHenry	Md	WV3A/R	448.950	443.950	P	McHenry Amateur Radio Club

LOCATION	STATE	CALL	FREQUENCY		REMARKS	SPONSOR
			INPUT	OUTPUT		
Mechanicsville	Md	AA3AV/R	29.520	29.620	P	Southern Patuxent Amateur Radio Club
Millersville	Md	WA3PJQ/R	146.205	146.805	AP	Maryland Mobileers Amateur Radio Club
Millersville	Md	W3VPR/R	147.675	147.075		Anne Arundel Radio Club
Millersville	Md	W3VPR/R	222.960	224.560		Anne Arundel Radio Club
Millersville	Md	WA3PJQ/R	444.125	449.125		Maryland Mobileers Amateur Radio Club
New Carrollton	Md	N3EZD/R	144.630	145.230	PL-2Z (110.9)/TT-17	Central Maryland Amateur Radio Club
Oakland	Md	WJ3V/R	144.510	145.110		Western Maryland Amateur Radio Club
Oakland	Md	KB8NUF/R	146.205	146.805	P/AP	Garrett County ARES
Ocean City	Md	KA3BAF/R	147.615	147.015	AP PL-5A (156.7)	Tri-County Amateur Radio Club
Ocean City	Md	AA3HA/R	448.450	443.450	PL-5A (156.7)	AA3HA
Odenton	Md	N3MIR/R	447.600	442.600	PL-3A (127.3)	Glen Burnie UHF Repeater Group
Owings Mills	Md	N3CDY/R	444.275	449.275	AP PL-1B (107.2)	N3CDY (PL sometimes)
Pikesville	Md	WB3ARQ/R	147.945	147.345		MARCOM
Rockville	Md	W3RCN/R	144.650	145.250		PARCARA
Rockville	Md	KC3NG/R	144.850	145.450		MADRAS
Rockville	Md	KZ3F/R	146.355	146.955	AP	Montgomery Amateur Radio Club
Rockville	Md	WB3DIO/R	223.340	224.940	AP	Montgomery Auxiliary Communications Service
Rockville	Md	KZ3F/R	447.750	442.750	P	Montgomery Amateur Radio Club
Rockville	Md	WA3YOO/R	448.900	443.900		Montgomery County RACES
Rockville	Md	N3LGA/R	1273.900	1285.900	P	Rockville Amateur Radio Club
Rockville	Md	WB3LHB/R	1277.250	923.250	ATV	Montgomery Auxiliary Communications Service
Princess Anne	Md	KA3MRX/R	146.025	146.625	AP	Somerset County ARES
Rising Sun	Md	N3ONK/R	222.380	223.980		N3ONK & N3RAC
St. Leonard	Md	N3AGB/R	448.300	443.300	AP	Southern Patuxent Amateur Radio Club
Salisbury	Md	K3SVA/R	52.070	53.070	PL-5A (156.7)	K3SVA & Peninsula Radio Operators Society
Salisbury	Md	K3NOQ/R	146.325	146.925		Peninsula Radio Operators Society
Salisbury	Md	N3FJM/R	222.420	224.020		N3FJM
Salisbury	Md	N3HQJ/R	447.650	442.650		Muddy Hole Repeater Group
Salisbury	Md	KC3UV/R	449.050	444.050		KC3UV
Salisbury	Md	KB3QV/R	449.200	444.200		Peninsula Radio Operators Society
Seat Pleasant	Md	N3ST/R	443.925	448.925	PL-6Z(167.9)LNK7	Central Maryland Repeater Group
Sharptown	Md	WA3ROW/R	146.220	146.820	AP PL-5A (156.7)	DelMarVa Amateur Radio Club
Shawsville	Md	K3HT/R	144.730	145.330		K3HT & KB3VX
Shawsville	Md	WA3DUR/R	223.320	224.920		WA3DUR
Shawsville	Md	KB3VX/R	444.375	449.375	LNK7	KB3VX
Silver Spring	Md	N3AUY/R	29.560	29.660	PL-4A (141.3)LNK15	N3AUY & KD3R (PL sometimes)
Silver Spring	Md	KA3LAO/R	147.780	147.180	PL-5A (156.7) AP	Tri-County Amateur Radio Club
Silver Spring	Md	WB3GXW/R	147.825	147.225	PL-5A (156.7)	WB3GXW & KA3HGB
Silver Spring	Md	N3AUY/R	444.025	449.025	PL-5A (156.7)LNK15	N3AUY & KD3R (PL sometimes)
Silver Spring	Md	AA3HA/R	448.450	443.450	PL-5A (156.7)	AA3HA
Silver Spring	Md	WB3GXW/R	449.250	444.250	P	WB3GXW
Suitland	Md	N3AGB/R	449.350	444.350		Alexander G. Bell Pioneer Repeater Association
Thurmont	Md	N3EJT/R	147.795	147.195	PL-6B (179.9)	N3EJT
Tyaskin	Md	N3HQJ/R	146.265	146.865	PL-5A (156.7)	Muddy Hole Repeater Group
Upper Marlboro	Md	WA3YUV/R	448.600	443.600		WA3YUV
Waldorf	Md	N4QFW/R	52.330	53.330	PL-ZA (94.8)	N4QFW
Waldorf	Md	KA3TQD/R	144.750	145.350	AP/LNK27	XTRA-104
Waldorf	Md	N4QFW/R	907.000	919.000		XTRA-104
Westminster	Md	K3PZN/R	52.090	53.090		Carroll County Amateur Radio Club
Westminster	Md	K3PZN/R	144.810	145.410	LNK14	Carroll County Amateur Radio Club
Westminster	Md	K3PZN/R	444.875	449.875	LNK14	Carroll County Amateur Radio Club
Wheaton	Md	N3AGB/R	52.250	53.250	AP	Metropolitan Comm's. Network Radio Club
Whiteford	Md	N3CNJ/R	147.720	147.120		N3CNJ
Whiteford	Md	N3CNJ/R	444.225	449.225		N3CNJ
Alexandria	Va	WA4CCF/R	52.130	53.130	LNK8	Alexandria Radio Club
Alexandria	Va	WB4MJF/R	144.550	145.150		WB4MJF
Alexandria	Va	WA9GVK/R	144.970	144.970	LNK13	Metrovision (ATV audio)
Alexandria	Va	WD4PDP/R	146.055	146.655	AP	Mount Vernon Amateur Radio Club
Alexandria	Va	W4HFH/R	147.915	147.315	LNK9	Alexandria Radio Club
Alexandria	Va	WA4CCF/R	223.220	224.820	LNK8	Alexandria Radio Club
Alexandria	Va	WA9GVK/R	426.250	911.250	ATV/LNK13	Metrovision
Alexandria	Va	WA9GVK/R	426.250	439.250	ATV/LNK13	Metrovision
Alexandria	Va	W4HFH/R	449.600	444.600	LNK9	Alexandria Radio Club
Alexandria	Va	WA4CCF/R	907.600	919.600		Alexandria Radio Club
Alexandria	Va	WA4CCF/R	1270.600	1282.600		Alexandria Radio Club
Arlington	Va	KI4MB/R	52.050	224.060	LNK23	KI4MB
Arlington	Va	KM4DM/R	144.570	145.170	SNP	Chaverim of Northern Virginia
Arlington	Va	KD4LTD/R	146.025	146.625		Arlington Radio Public Service Club
Arlington	Va	WB4MJF/R	144.870	145.470		R&R Repeater Group
Arlington	Va	WA4YVM/R	147.645	147.045		WA4YVM
Arlington	Va	KI4MB/R	222.460	224.060	LNK23	KI4MB
Arlington	Va	WB4MWF/R	223.020	224.620		WB4MWF
Arlington	Va	KD4DSX/R	443.625	448.625		Arlington Radio Public Service Club
Arlington	Va	KI4MB/R	449.150	444.150		KI4MB
Arlington	Va	K4AF/R	449.550	444.550		Pentagon Amateur Radio Club
Ashford	Va	N4EFK/R	449.300	444.300		Melpar Amateur Radio Club
Berryville	Va	WB2KPH/R	442.475	447.475	P	WB2KPH
Bluemont	Va	WA4TSC/R	147.900	147.300	AP/PL-4B (146.2)	WA4TSC (PL at night)
Bluemont	Va	WA4TSC/R	444.925	449.925	PL-4B (146.2)	WA4TSC (PL at night)
Bull Run	Va	WB4DRI/R	52.230	53.230	P	WB4DRI

LOCATION	STATE	CALL	FREQUENCY		REMARKS	SPONSOR
			INPUT	OUTPUT		
Bull Run Mountain	Va	KB4CVL/R	52.970	53.970	P	KB4CVL
Bull Run Mountain	Va	K9SP/R	222.340	223.940	P	K9SP
Bull Run Mountain	Va	N3AUY/R	444.025	449.025	PL-5A156.7)/LNK15	N3AUY & KD3R
Culpeper	Va	AA4VI/R	147.720	147.120		Culpeper Amateur Radio Association
Dale City	Va	N4LJZ/R	448.100	443.100	LNK28	Lake Ridge Radio Club
Fairfax	Va	W4LBL/R	146.190	146.790	LNK10/AP	Northern Virginia FM Association
Fairfax	Va	WB4YHD/R	222.500	224.100	LNK10	Northern Virginia FM Association
Fairfax	Va	K4HTA/R	443.375	448.375		Vienna Wireless Society
Fairfax	Va	WD4KHP/R	444.775	449.775	L	WD4KHP
Falls Church	Va	N4CHP/R	223.380	224.980	AP	N4CHP
Fredricksburg	Va	WB4LNT/R	147.615	147.015		Rappahannock Valley Radio Club
Front Royal	Va	KD4JBY/R	52.670	53.670		KD4JBY
Front Royal	Va	N4RAG/R	223.280	224.880	P	N4RAG
Front Royal	Va	KB4KRO/R	444.075	449.075	PL-4B (146.2)	KB4KRO
Front Royal	Va	N8BOR/R	444.225	449.225	LNK28	Capitol Area Radio System
Harrisonburg	Va	N4YET/R	144.530	145.130		N4YET & WX4C
Harrisonburg	Va	KB4YSP/R	144.870	145.470		KB4YSP
Harrisonburg	Va	N4RAG/R	147.825	147.225		N4RAG
Harrisonburg	Va	N4YET/R	147.915	147.315		N4YET
Harrisonburg	Va	N4YET/R	223.220	224.820		N4YET
Harrisonburg	Va	N4YET/R	449.600	444.600		N4YET
Haymarket	Va	WD4KHP/R	222.800	224.400	P/L	Northern Virginia 6 Meter Group
Haymarket	Va	WD4KHP/R	222.820	224.420	L/AP/LNK4	Northern Virginia 6 Meter Group
Hemdon	Va	WD4KHP/R	52.620	52.820	L/PL-1B (107.2) LNK4	Northern Virginia 6 Meter Group
Hemdon (Dulles Airport)	Va	N4FSC/R	144.710	145.310	AP	Hemdon Repeater Group
Hemdon	Va	N4FSC/R	443.775	448.775	P	Hemdon Repeater Group
Hemdon	Va	N4LXI/R	448.000	443.000		N4LXI
Independence Hill	Va	AA4VA/R	448.800	443.800		Renex Radio Club
King George	Va	KB4OB/R	447.000	442.000		Stafford Amateur Radio Association
Leesburg	Va	KC3BM/R	222.420	224.020	LNK25	KC3BM
Lorton	Va	WA3TOL/R	443.675	448.675		Newington Amateur Radio Club
Lorton	Va	WD4KHP/R	444.725	449.725	L/LNK30	Northern Virginia 6 Meter Group
Lovettsville	Va	N4QFW/R	52.350	53.350	P	N4QFW
Lovettsville	Va	WB4FUJ/R	222.860	224.460	L	WB4FUJ
Luray	Va	N8HON/R	449.400	444.400		N8HON
Manassas	Va	WA4FPM/R	146.370	146.970	AP/LNK21	Ole Virginia Hams Amateur Radio Club
Manassas	Va	WA4FPM/R	223.060	224.660	AP/LNK21	Ole Virginia Hams Amateur Radio Club
McLean	Va	WD4IWG/R	147.810	147.210	AP	AMRAD
New Market	Va	KE4FM/R	146.025	146.625		Big Mountain Repeater Association
Reston	Va	WD4KHP/R	223.120	224.720	PL/LNK30	Northern Virginia 6 Meter Group
Springfield	Va	WD4KHP/R	444.825	449.825	L	WD4KHP
Stafford	Va	N4SMP/R	144.670	145.270	AP	Stafford Amateur Radio Association
Stafford	Va	KB4OB/R	448.850	443.850		Stafford Amateur Radio Association
Sterling	Va	KD4DN/R	29.580	29.680	LNK11	KD4DN
Sterling	Va	WA4TXE/R	146.115	146.715	LNK25	WA4TXE
Sterling	Va	WA4TXE/R	447.100	442.100	LNK25	WA4TXE
Thoroughfare	Va	KA4ATI/R	448.550	443.550	P	Pond Mountain Repeater Group
Tysons Corner	Va	KM4OI/R	52.370	53.370		KM4OI & KB4CVL & Northern Virginia FM Assn.
Tysons Corner	Va	W4XG/R	146.310	146.910		Northern Virginia FM Association
Tysons Corner	Va	KB4CVL/R	222.740	224.340		KB4CVL
Tysons Corner	Va	WD4KHP/R	222.820	224.420	L/AP/LNK4	Northern Virginia 6 Meter Group
Tysons Corner	Va	KM4FI/R	448.500	443.500		KM4FI
Tysons Corner	Va	K4JYF/R	449.750	444.750		Northern Virginia FM Association
Tysons Corner	Va	K6LEW/R	1272.100	1292.100		K6LEW & Northern Virginia FM Association
Vienna	Va	K4HTA/R	146.085	146.685		Vienna Wireless Society
Vienna	Va	N4KOU/R	449.850	444.850		Radio Mountain Repeater Group
Vienna	Va	WR4S/R	1272.000	1292.000		WB5MMB
Warrenton	Va	NZ4N/R	147.765	147.165		Fauquier County Repeater Association
Winchester	Va	N4RAG/R	144.610	145.210	PL-3B (131.8)	Laurel Hill Repeater Association
Winchester	Va	W4RKC/R	146.220	146.820		Shenandoah Valley Amateur Radio Club
Winchester	Va	WB4YRB/R	444.175	449.175		Virginia Inbreds
Winchester	Va	W3CSG/R	447.000	442.000		W3CSG & W4TCK
Woodbridge	Va	N4LJZ/R	144.990	144.990	LNK28	N4LJZ
Woodbridge	Va	WB4FQR/R	147.840	147.240		Woodbridge Wireless
Woodbridge	Va	WB4GJZ/R	223.180	224.780		Woodbridge Wireless
Woodbridge	Va	WB4FQR/R	449.900	444.900		Woodbridge Wireless
Washington	DC	KA3BTD/R	52.170	53.170		KA3BTD & KA3PQS
Washington	DC	N4QFW/R	52.310	53.310	P	N4QFW
Washington	DC	W3EIL/R	144.510	145.110		Capital City Amateur Radio Society
Washington	DC	W3DOS/R	144.590	145.190		Department of State Amateur Radio Club
Washington	DC	WA3DZD/R	146.160	146.760	LNK6	Maryland FM Association
Washington	DC	N3AGB/R	147.960	147.360		Alex. G. Bell Pioneer Repeater Association
Washington	DC	N3DPD/R	222.220	223.820	L/AP	N3DPD
Washington	DC	W3NKF/R	222.900	224.500	AP	NRL Amateur Radio Club
Washington	DC	W3ETX/R	443.575	448.575	P	W3ETX
Washington	DC	KC3VO/R	443.875	448.875		D.C. Emergency Preparedness RACES/ARES
Washington	DC	WA3KOK/R	444.975	449.975		Network Engineers Repeater Association
Washington	DC	W3YTW/R	449.100	444.100		MADRAS
Washington	DC	N3ST/R	449.650	444.650		N3ST
Berkeley Springs	WVa	KK3L/R	146.145	146.745		KK3L

LOCATION	STATE	CALL	FREQUENCY		REMARKS	SPONSOR
			INPUT	OUTPUT		
Berkeley Springs	WVa	N3EAE/R	447.450	442.450	P/L	Network Engineers Repeater Association
Charles Town	WVa	N8EIV/R	146.385	146.985		N8EIV & WD8RWG
Martinsburg	WVa	WA8FSE/R	144.550	145.150		Opequon Radio Association
Martinsburg	WVa	WB8YZV/R	147.855	147.255		WB8YZV
Martinsburg	WVa	WB8VBW/R	147.945	147.345		Mid-Atlantic DX and Repeater Association
Moorefield	WVa	KD4SZR/R	144.590	145.190	PL-2B (118.8)	KD4SZR & N8VAA
Romney	WVa	N8RCG/R	147.990	147.390		N8RCG
Slanesville	WVa	KD4JBY/R	447.350	442.350	P	KD4JBY

KEY to the REMARKS column

AP	Auto-patch is available. Its use may be limited or restricted. Check with sponsor.
ATV	Amateur television repeater.
L	Limited usage repeater—check with sponsor. Repeater may have coded access.
LNK(#)	Repeater(s) shown may be interconnected either full or part time.
P	Repeater is proposed and is scheduled to be in operation within 6 months or less.
PL-(freq.)	Low frequency continuous tone (CTCSS) required on input.
TT	Touch tone required to access the repeater.
SNP	The former "Builders' Channel" has been re-designated as a "Shared, Non-Protected" channel.

T-MARC voluntarily coordinates frequencies used by repeaters, "remote base" stations, and related activities in Delaware, Maryland, the District of Columbia, the northern one-third of Virginia, and the eastern panhandle of West Virginia. Inquiries relating to the coordinating of frequencies within this area, as well as additions and corrections to this directory, should be addressed to: T-MARC, Post Office Box 1022, Savage, MD 20763-1022.

This directory lists ONLY "open" or limited usage repeaters. "Closed" repeaters, "remote base" stations, control and link frequencies, and other "closed" systems which are also coordinated by T-MARC, and uncoordinated repeaters, are not listed here. Therefore, this directory should not be used for coordination purposes. Please feel free to duplicate this directory. To obtain a copy of this directory, please send a self-addressed, stamped envelop (SASE) to the T-MARC address shown above.

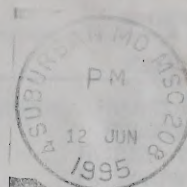
Repeaters are built and maintained for many purposes, and to serve many users. Most sponsors welcome all users, however, regular users are urged to support their favorite machines—repeater operation is not a cheap or simple task. Please cooperate with sponsors by careful observance of FCC rules. Also, some sponsors may have special operating procedures for their machines. Please observe them as a courtesy to the sponsor and his users.

Simplex Activity—Where possible, all Amateurs are urged to use simplex rather than repeaters. T-MARC does not presently coordinate simplex frequencies. However, an attempt is made to maintain a list of known organized simplex activity in the area.

Repeater Test Frequencies—The following repeater frequency pairs have been set aside for testing and development of new repeaters and for the operation of temporary, portable, or emergency repeaters on a non-interference basis to coordinated repeaters: 144.57-in/145.17-out, 222.20-in/223.80-out, 442.875-in/447.875-out, 447.900-in/442.900-out, 908.00-in/920.00-out, and 1271.00-in/1283.00-out. No permanent repeaters will be coordinated on these frequencies, and coded access may be required to minimize co-channel interference. Please note that "SNP" in the remarks column of this listing indicates that the listed repeater is on a "Shared, Non-Protected" channel.

The Capitol Hill Monitor

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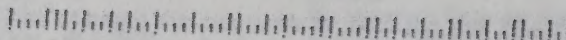
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